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Title: Source time functions inferred from dynamic earthquake rupture modeling on Jordan – Kekerengu – Papatea fault system, the 2016 Mw 7.8 Kaikoura earthquake

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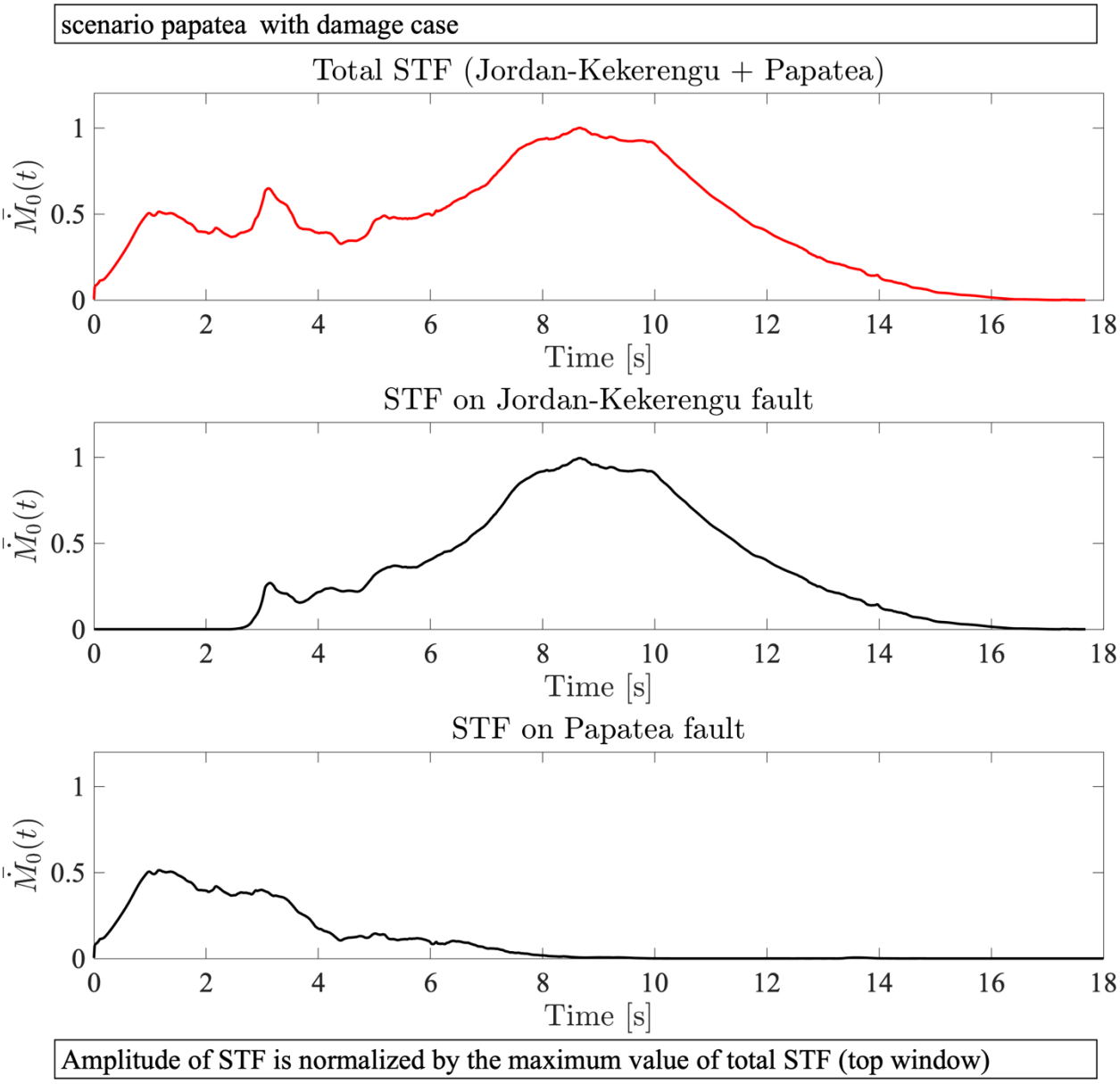

Figure 1. Source time functions (STFs) of Jordan – Kekerengu – Papatea fault system associated with the 2016 Mw 7.8 Kaikoura earthquake. The STFs are calculated from the Papatea first scenario with coseismic off-fault damage in Klinger et al. (2018). The amplitude is normalized by the maximum value of total STF shown in top window.

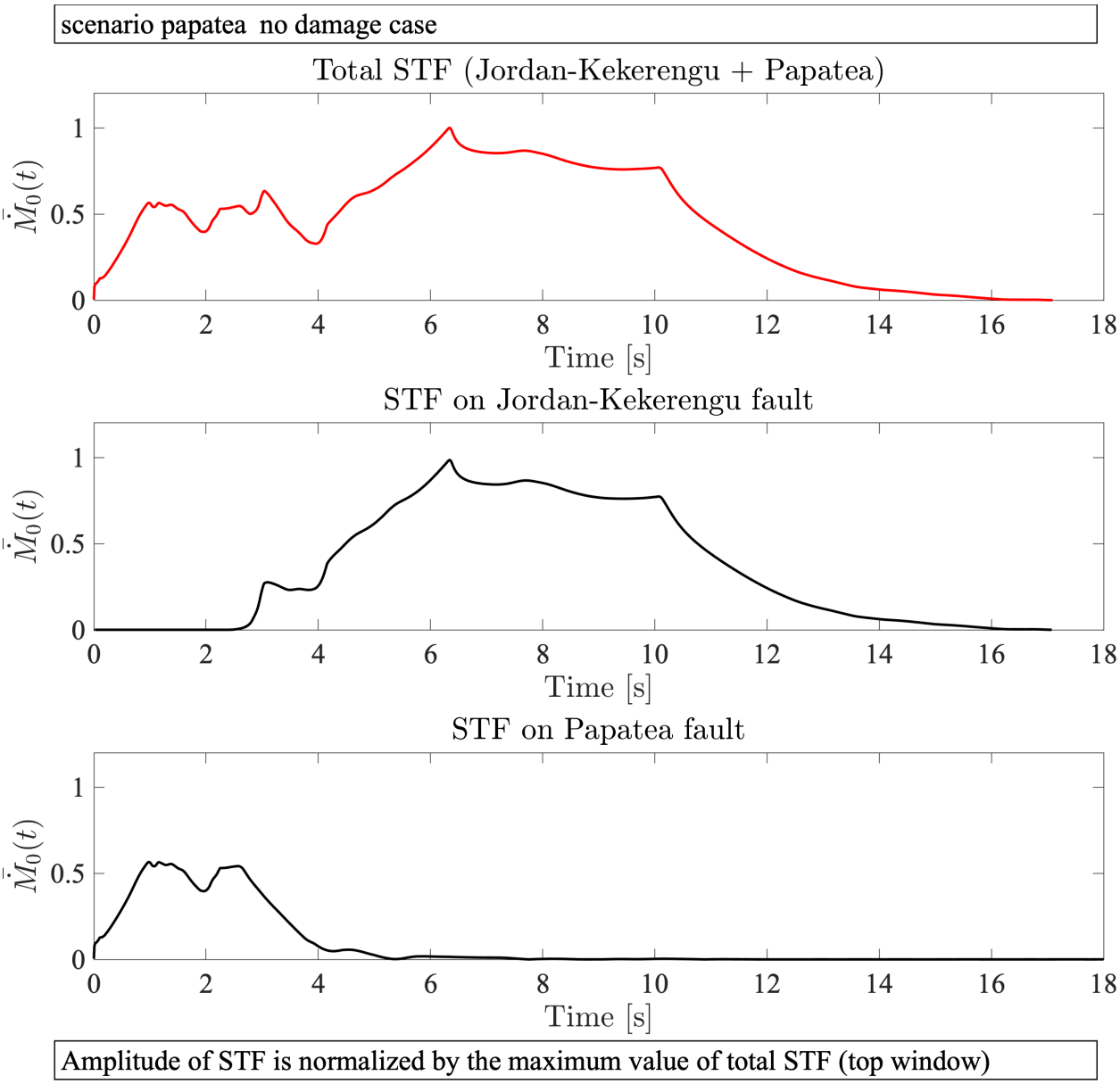

Figure 2. Source time functions (STFs) of Jordan – Kekerengu – Papatea fault system associated with the 2016 Mw 7.8 Kaikoura earthquake. The STFs are calculated from the Papatea first scenario without coseismic off-fault damage (i.e. purely elastic medium) in Klinger et al. (2018). The amplitude is normalized by the maximum value of total STF shown in top window.